

Title (en)

TURBO DECODING METHOD AND APPARATUS FOR WIRELESS COMMUNICATIONS

Title (de)

TURBO-DECODIERUNGSVERFAHREN UND -VORRICHTUNG FÜR DIE DRAHTLOSE KOMMUNIKATION

Title (fr)

PROCEDE DE TURBO-DECODAGE ET APPAREIL DE COMMUNICATIONS SANS FIL

Publication

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Application

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Abstract (en)

[origin: US2003058969A1] In a communication system 10, a method and apparatus provide for decoding a sequence of turbo encoded data symbols. The channel nodes Rx, Ry and Rz are updated based on a received channel output, and the outgoing messages from symbol nodes (701, 707, 708) are initialized. The symbol nodes symbol nodes (701, 707, 708) are in communication with the channel nodes Rx, Ry and Rz. Updates of computational nodes C (704) and D (706) at different time instances are performed in accordance with a triggering schedule.

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